



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q77464

Toshiyuki NOMURA, et al.

Appln. No.: 10/659,436

Group Art Unit: 2878

Confirmation No.: 4091

Examiner: Not Yet Assigned

Filed: September 11, 2003

For: MULTI-COMPONENT ANALYZING APPARATUS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

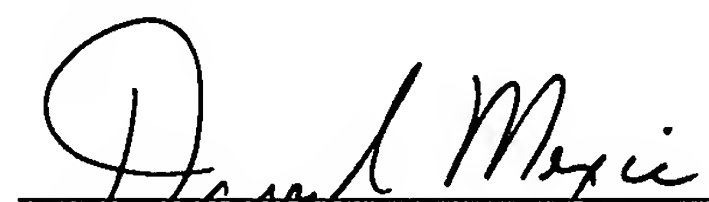
INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/659,436

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. Nevertheless, since a Statement can be made, a Statement is submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: June 4, 2004

Attorney Docket No.: Q77464



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**STATEMENT UNDER 37 C.F.R. § 1.97(e)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

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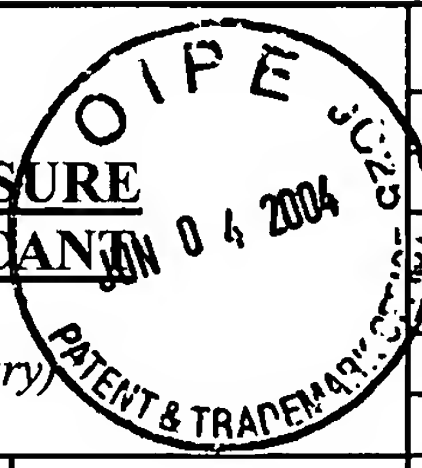
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Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/659,436
				Confirmation Number	4091
				Filing Date	September 11, 2003
				First Named Inventor	Toshiyuki NOMURA
				Art Unit	2878
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	Q77464

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,341,257	B1	01-22-2002	HAALAND
		US 5,610,398	A	03-11-1997	ANDERSON et al.
		US 2001/0045521	A1	11-29-2001	PROZZO et al.
		US 5,750,994	A	05-12-1998	SCHLAGER
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> <i>(if known)</i>			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		HAALAND, D. M. et al., "APPLICATION OF NEW LEAST-SQUARES METHODS FOR THE QUANTITATIVE INFRARED ANALYSIS OF MULTICOMPONENT SAMPLES" APPLIED SPECTROSCOPY, THE SOCIETY FOR APPLIED SPECTROSCOPY, Baltimore, US, vol. 36, no. 6, 1 November 1982, pp. 665-673, XP000676150	
		SMALL, G. W., "Application of digital filtering and pattern recognition techniques to interferogram-based Fourier transform infrared qualitative analysis", CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol. 15, pages 203-217, XP009027005	
		BERTRAN, E. et al., "Handling intrinsic non-linearity in near-infrared reflectance spectroscopy", CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 49, no. 2, 4 October 1999, pages 215-224, XP004255977	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.